IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Dennis J. Carroll   : Date: July 21, 2003

Serial Number: Concurrent   : Group Art Unit: Unknown

Filed: Concurrent   : Examiner: Unknown

Title: STATE MACHINE   : IBM CORPORATION
REPRESENTATION FOR ENCRYPTING   Intellectual Property Law
AND DECRYPTING A SET OF DATA   IQ0A/040-3
VALUES AND METHOD FOR   1701 North Street
PROTECTING THE SAME   Endicott, New York 13760

INFORMATION DISCLOSURE STATEMENT (IDS) UNDER 37 CFR 1.97

Commissioner For Patents
Washington, D. C. 20231

Dear Sir:

The attached Form PTO-1449, and any attached foreign patent office search report, provides a listing of information which may be relevant to the subject application. This IDS is not intended as a representation that better art is not available, nor that the information provided is prior art.

This IDS is submitted under:

__X__ 37 CFR 1.97(b) - No Fee.

_____ 37 CFR 1.97(c) - No Fee. Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application. This communication is dated _____, which is not more than 3 months prior to the mailing of this statement.

_____ 37 CFR 1.97(c) - Fee.

_____ 37 CFR 1.97(d) - Fee, Certification & Petition.

The Commissioner is authorized to charge payments of any associated fees required under 37 CFR 1.17(p) and (i) (1) to Deposit Account No. 09-0457 (IBM)..

Respectfully submitted,

By: _____
        Ronald A. D'Alessandro
        Registration No. 42,456
        Telephone No.: (518) 449-0044

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO. END920030044US1	SERIAL NO.
Applicant(s): Dennis J. Carroll	
FILING	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		US 2002/0037079 A1	03/2002	Duval			
		5,414,833	05/1995	Hershey et al.			
		5,737,607	04/1998	Hamilton et al.			
		5,841,872	11/1998	Colvin, Sr.			
		5,987,572	11/1999	Weidner et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
		EP 1 098 248 A1	05/2001	EP				
		WO 01/47177 A1	06/2001	PCT				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Development Practical Ideas for Improving Productivity and Quality, "Testing vs. Cleanroom: The Software Methods Controversy", By Nicholas Zvegintzov, April 1996, pp. 4-6.
		IBM Research Disclosure 41992, "Password Protection Using DES Security", March 1999, page 393.

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	INFORMATION DISCLOSURE CITATION *(Use several sheets if necessary)*	ATTY DOCKET NO. **END920030044US1**	SERIAL NO.
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS   *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			Proceedings of the 1984 Symposium on Security and Privacy, April 29 - May 2, 1984, Oakland, California, Sponsored by the Technical Committee on Security and Privacy IEEE Computer Society, "Formal Verification of a Secure Network with End-To-End Encryption", By Dianne E. Britton, pp. 154-166.
			"Mercy: A Fast Large Block Cipher for Disk Sector Encryption", By Paul Crowley, Date: April 2000, http://www.ciphergoth.org/crypto/mercy/html/.

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO

OTHER DOCUMENTS   *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		"A Hybrid Pipelined Path-Searching Architecture for Multiple Communications Applications", By Horng-Dar Lin and David G. Messerschmitt, pp. V-653-656, 1992.
		"A Hybrid Pipelined Path-Searching Architecture for Multiple Communications Applications", By Horng-Dar Lin and David G. Messerschmitt, IEEE Transactions on Communications, Vol. 44, No. 12, December 1996, pp. 1640-1642.

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